

Announcing the Latest RF Transceiver from ADI Designed to Support Critical Communications

Centennial, CO — July 30, 2020 — Analog Devices (ADI), a premier provider of analog technologies and solutions to Arrow Electronics, has announced the first product in a new line of RF transceivers designed to fuel the innovations of tomorrow’s commercial and military communication applications. The ADRV9002 RF transceiver is uniquely suited for the most demanding of communication applications — ranging from radios used on the front lines to next-gen mobile communication tech. With a rare combination of high-power capability and low size and weight, the ADRV9002 is ideal for RF applications requiring high performance and a small footprint. This new transceiver from ADI is the latest product to join ADI’s renowned line of RadioVerse™ tech.

- Explore more about the ADRV9002, including technical specifications, data sheets, and order samples: www.analog.com/ADRV9002
- Watch the ADRV9002 detail video: www.analog.com/adv9002-video
- Visit Arrow and Analog Devices at IMS 2020, August 4–6, and learn even more about the ADRV9002: www.analog.com/ims
- Discover additional details about ADI’s RadioVerse transceivers: www.analog.com/en/applications/technology/sdr-radioverse-pavilion-home.html

As the radio spectrum becomes more congested, the ADRV9002 shines through its ability to decipher complex signals, even in the most congested spectrums. When performance and power are top priority, ADI’s latest offering is up to the challenge of both commercial and military applications. While the task of deciphering complex signals continues to grow with the increasing usage of RF networks, the ADRV9002 stands alone in its ability to decode even the most elaborate of radio signals.



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ADRV9002 RF transceiver features and benefits

- Flexibility — Choose the right combination of power, performance, and frequency agility for your application
- Integration — Fully integrated mixed-signal front end and digital processing back end
- Performance — Best-in-class RF performance with highest dynamic range
- Flexible applications across both wide and narrow bands through dynamic range capabilities
- Functional from 30 MHz to 6 GHz
- Provides receiver dynamic range of –150 dBc/Hz and a highly linear transmitter
- Capable of both narrowband and traditional wideband signals ranging from 12 kHz to 40 MHz
- Flexible enough to manage voice, data, and imaging or video signals
- Provides a clear signal through digital radio correction algorithms, AGC, DPD, frequency hopping, and channel filtering
- Can dynamically adjust performance and power to meet requirements

Product	Availability	Price Per 1,000 Units	Packaging
ADRV9002	Now	\$257.40	12 × 12 mm, 196-ball chip-scale ball grid array

RadioVerse Ecosystem

The ADI RadioVerse ecosystem is more than just best-in-class products, offering end-to-end support across tool, design, and life-cycle support to accelerate engineering pipelines and simplify design considerations. The RadioVerse platform supports the entire RF engineering process through prototyping platforms, evaluation systems, reference designs, simulation tools, and development kits. The resources around ADI's RadioVerse ecosystem extend to an extensive network of global partners and include a robust selection of technology resources. Through a complete selection of HDL and full-system-level software reference designs on GitHub, compatible FPGA development carriers, and chip-level evaluation systems, ADI offers a variety of engineering resources to support even the most demanding of applications.

ABOUT ARROW ELECTRONICS

Arrow Electronics guides innovation forward for over 175,000 leading technology manufacturers and service providers. With 2019 sales of \$29 billion, Arrow develops technology solutions that improve business and daily life. Learn more at arrow.com.

ABOUT ANALOG DEVICES

Analog Devices is a leading global high-performance analog technology company dedicated to solving the toughest engineering challenges. We enable our customers to interpret the world around us by intelligently bridging the physical and digital with unmatched technologies that sense, measure, power, connect, and interpret. Visit <http://www.analog.com>.

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